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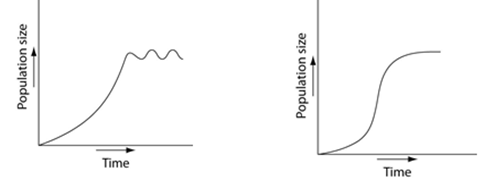
**AP Biology: Unit 3, DBA #1 Review**

Ms. OK, 2014-2015

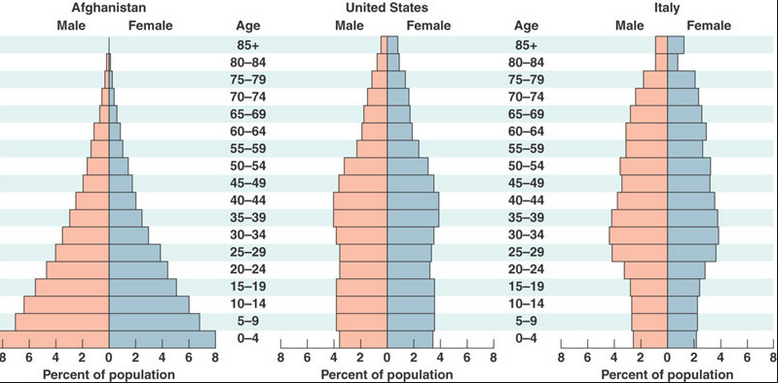
**Objectives Assessed:** Topic 1 (Population Ecology), Learning Targets A-B

***Practice Questions:*** *Answer the following questions thoroughly and accurately in preparation for your Daily Biology Assessment.*

1. Describe the difference between exponential and logistic growth. Draw a simple graph for each type of growth (x-axis: time, y-axis: number of organisms).
2. Under what conditions is exponential growth likely to occur? Does this type of growth usually occur over a short period of time or a long period of time?
3. Under what conditions is logistic growth likely to occur? Does this type of growth usually occur over a short period of time or a long period of time?
4. Which of the following graphs depicting logistic growth is more likely for a REAL population? Use the term carrying capacity in your response.



1. Describe the differences in the survivorship curves between r-selected and k-selected populations.
2. Describe the age structure of each of the populations of each of the three countries shown below—Afghanistan, the United States, and Italy.



1. Describe the population growth rate in each of the three countries based on their age structure pyramids.